

Amendments to the Claims:

1. (Cancelled)
2. (Currently amended) A system for amplifying a plurality of target nucleic acids, comprising:
 - (a) a first solid support wherein
 - (1) the surface of said first solid support comprises a plurality of derivatized areas;
 - (2) at least one [[a]] releasable forward primer and at least one releasable reverse primer for each target nucleic acid or [[a]] at least one releasable sequence complementary to said forward and said reverse primers [[is]] are immobilized on a derivatized area of the first solid support, wherein said releasable primers or releasable sequences [[is]] are adapted to be released before, during or after an amplification reaction; and
 - (b) a second solid support wherein said second solid support comprises a plurality of wells and each well corresponds to [[a]] at least one forward and at least one reverse primer for each target nucleic acid.
3. (Cancelled)
4. (Currently Amended) The system according to any one of the claim[[s]] 2[[-3]], wherein said plurality of target nucleic acids are a plurality of subsequences of a polynucleotide.
5. (Currently Amended) The system of any one of claim[[s]] 2[[-3]], wherein said first or second solid support is glass.
6. (Currently Amended) The system according to any one of the claim[[s]] 2[[-3]] wherein said immobilization is covalent.
7. (Currently Amended) The system according to any one of the claim[[s]] 2[[-3]] wherein said immobilization is non-covalent.

8. (Currently Amended) The system according to claim [[3]] 2 wherein said primers [[is]] are covalently linked to a cleavable moiety.
9. (Original) The system according to claim 8 wherein said cleavable moiety is cleavable by photolysis.
10. (Currently Amended) The system according to ~~any one of the~~ claim[[s]] 2[[-3]] wherein the surface of said first solid support comprises a plurality of hydrophilic areas.
11. (Currently Amended) The system according to ~~any one of the~~ claim[[s]] 2[[-3]] wherein the density of the derivatized areas on said first solid support is between about 10 to 10,000 per cm².
12. (Currently Amended) The system according to ~~any one of the~~ claim[[s]] 2[[-3]] wherein the size of said derivatized area on said first solid support is between about 10⁻³ to 5 mm².
13. (Currently Amended) The system according to ~~any one of the~~ claim[[s]] 2[[-3]] wherein the number of derivatized areas on said first solid support is between about 10 to 500,000.
14. (Cancelled)
15. (Currently Amended) The solid support of claim [[1]] 2 wherein said releasable primer is releasable by photolysis.